

PATENT APPLICATION

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10005846-3

IN THE  
U.S. PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class \_\_\_\_\_ Subclass \_\_\_\_\_

Prior application:

Examiner: Hong Chong Kim

Art Unit: 2186

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this is being deposited with the United States Postal Service "Express Mail" Post Office to Addressee" service under 37 CFR 1.10 on 10/14/2003 and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450

"Express Mail" label no. EV175421013US

Typed Name: Gregory W. Osterloth

Signature: [Signature]

17868 U.S. PTO  
10/685929



REQUEST FOR A CONTINUING APPLICATION UNDER 37 CFR 1.53(b)

Sir:

This is a request for filing a continuing application under 37 CFR 1.53(b) a  
(X) continuation application of:  
( ) divisional application of:

Pending Prior Application

Application No. 09/828,604 filed 04/07/2001

Title MEMORY CONTROLLER WITH 1X/MX READ CAPABILITY

Name of applicant(s) Eric M. Rentschler, et al.

Copy of Application

- ( ) Enclosed is a copy of the prior application, including the drawings.  
(X) Enclosed is a new specification, including new drawings.

Oath or Declaration

- ( ) Enclosed is a copy of the prior Declaration (37 CFR 1.63(d)).  
(X) Enclosed is a new, unsigned Declaration and Power of Attorney.

Foreign Priority - 35 USC 119

- ( ) Foreign priority under 35 U.S.C. 119 has been claimed in prior Application No. \_\_\_\_\_  
filed on \_\_\_\_\_ in \_\_\_\_\_  
( ) The certified copy has been filed in prior Application No. \_\_\_\_\_  
filed \_\_\_\_\_  
( ) A separate paper claiming direct priority to a foreign application is enclosed herewith. A certified copy of the foreign application will be provided in due course.

Relate Back - 35 USC 120

Cross Reference To Related Application(s):

This is a (X) continuation ( ) divisional  
of copending application number 09/828,604 filed on 04/07/2001,  
which is hereby incorporated by reference herein.

Inventorship Statement

- (X) Delete the following named individuals as inventors in this application in accordance with 37 CFR 1.53(b) as a result of a change in the claimed subject matter:

Leith L. Johnson

Appointment of Associate Attorney

- ( ) Recognize as Associate Attorney or Agent \_\_\_\_\_  
Registration No. \_\_\_\_\_  
( ) authorization is hereby granted by signature below of the Attorney or Agent of record  
( ) the Associate Attorney or Agent may not have the authority to appoint other Attorneys or Agents

Communications

- (X) Address all future communications to:

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

Direct telephone calls to:

T. Grant Ritz  
(970) 898-0697

Other Amendments

- ( ) Enter the enclosed Preliminary Amendment. The filing fee is calculated on the basis of the amended claims.

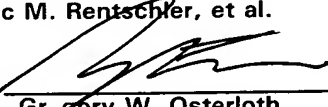
Fee Calculation

- (X) The filing fee is calculated below for (X) Utility ( ) Design

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	20 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$86	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 )				\$ 770
TOTAL FILING FEE				\$ 770
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 770

Charge \$ 770 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
Eric M. Rentscher, et al.

By   
Gregory W. Osterloth  
Attorney/Agent for Applicant(s)  
Reg. No. 36,232

Date: 10/14/2003

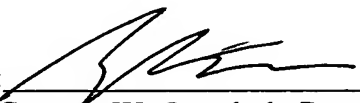
Telephone No.: (303) 291-3200

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:	)	
Eric M. Rentschler, et al.	)	
Serial No.:	)	Confirmation No.: Not yet assigned
Not yet assigned	)	
Filing Date:	)	Examiner: Not yet assigned
10/14/2003	)	
For:	)	Group Art Unit: Not yet assigned
MEMORY CONTROLLER TO	)	
COMMUNICATE WITH MEMORY	)	
DEVICES THAT ARE ASSOCIATED	)	
WITH DIFFERING DATA/STROBE	)	
RATIOS	)	
Docket No.:	)	
10005846-3	)	

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that the attached **Request for a Continuing Application Under 37 CFR 1.53(b); Continuing Patent Application (54 pages including 48 pages of specification, 5 pages of claims and 1 page abstract); 23 sheets of Formal Drawings (Figs. 1-29); Unsigned Declaration and Power of Attorney (2 pages); Information Disclosure Statement/Form PTO-1449; and Post cards for return by the United States Patent and Trademark Office**, are all being deposited with the United States Postal Service addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450, via Express Mail No. EV 175421013 US, on this 14th day of October 2003.

By:   
Gregory W. Osterloth, Reg. No. 36,232